

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/04280

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F16C1/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F16C F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 703 395 A (ACCO LA TELEDYNAMIQUE SOCIETE) 27 March 1996 (1996-03-27) column 3, line 38 -column 6, line 11; figures 1-8	1-8
A	---	10
X	DE 199 46 372 A (UNITED PARTS FHS AUTOMOBIL SYS) 18 May 2000 (2000-05-18) column 3, line 25 - line 62; figures 1-3	1-4,7,8
X	US 5 105 682 A (JUNG HUBERT) 21 April 1992 (1992-04-21) column 4, line 4 -column 5, line 41; figures 1-12	1-4,7,8
Y	EP 0 889 270 A (ADWEST BOWDEN TSK LIMITED) 7 January 1999 (1999-01-07) column 3, line 20 -column 4, line 46; figures 1-4	1,2,4,5, 7-9
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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

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- \*&\* document member of the same patent family

Date of the actual completion of the international search

10 March 2004

Date of mailing of the International search report

18/03/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 22 61 933 A (TELEFLEX GMBH) 11 July 1974 (1974-07-11) page 4 -page 5; figures 1-4 -----	1,2,4,5, 7-9
A	DE 198 40 642 A (KUESTER & CO GMBH) 16 March 2000 (2000-03-16) column 4, line 1 -column 5, line 24; figures 1-4 -----	1,2,4,5, 7,8
A	EP 1 026 411 A (ADWEST BOWDEN TSK LIMITED) 9 August 2000 (2000-08-09) the whole document -----	5,7,8,10

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0703395	A	27-03-1996	FR DE DE EP ES	2723989 A1 69508507 D1 69508507 T2 0703395 A1 2132561 T3		01-03-1996 29-04-1999 21-10-1999 27-03-1996 16-08-1999
DE 19946372	A	18-05-2000	DE US	19946372 A1 6499909 B1		18-05-2000 31-12-2002
US 5105682	A	21-04-1992	DE FR GB	4007954 A1 2659708 A1 2241999 A , B		19-09-1991 20-09-1991 18-09-1991
EP 0889270	A	07-01-1999	AT DE EP US	230084 T 69810199 D1 0889270 A2 6019014 A		15-01-2003 30-01-2003 07-01-1999 01-02-2000
DE 2261933	A	11-07-1974	DE	2261933 A1		11-07-1974
DE 19840642	A	16-03-2000	DE	19840642 A1		16-03-2000
EP 1026411	A	09-08-2000	GB EP JP	2346186 A 1026411 A2 2000213521 A		02-08-2000 09-08-2000 02-08-2000